PATENT

Docket No.: 2089/102 (MCA-517)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97-1.98

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Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicant hereby brings to the attention of the United States Patent and Trademark Office, the references listed on the attached PTO-1449 form.

Respectfully submitted,

Date: January 10, 2005

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INFO	RMATION I	DISC	LOSURE	Application Number	10/635,736	
STAT	TEMENT BY	APP	LICANT	Filing Date	August 6, 2003	
	(use as many sheets as necessary)			First Named Inventor	Willem Kools	
(use as many sneed as necessary)				Art Unit	1723	
			<u> </u>	Examiner Name	To Be Assigned	
Sheet	1	of 2		Attorney Docket Number	2089/102 (MCA-517)	

			U.S. PATENT DOCUM	1ENTS	
Examiner Indiels	Cite No.'	U.S. Patent Document Number - Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-4,666,607	05/19/1987	Josefiak et al.	
	_ 2	US-4,774,039	09/27/1988	Wrasidlo	
	3	US-4,933,081	06/12/1990	Sasaki et al.	
***************************************	4	US-5,013,339	05/07/1991	Mahoney et al.	
	5	US-5,489,406	02/06/1996	Beck et al.	
······	6	US-5,514,461	05/07/1996	Meguro et al.	***************************************
	7	US-5,626,805	05/06/1997	Meguro et al.	
······································	8	US-5,736,051	04/07/1998	Degen et al.	
	9	US-5,834,107	11/10/1998	Wang et al.	
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			OREIGN PATENT I	OCUMENTS		
Examiner Initials	Cite Na. ¹	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ³ Number ⁴ Kind Code ³ (if known)	MM-DD-YYYY	Applicant of Cited Document		Tå
	10	WO 93/22034	11/11/1993	Pacheco et al.		
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Exammer	Date	
Signature	Considered	
	Constitute	Ĺ

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitut	e for form 1449A/PTO				omplete if Known
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			iryj	Art Unit	1723
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Sheet	2	of	2	Attorney Docket Number	2089/102 (MCA-517)

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	11	Cohen, "Two-Layer Slot Coating: Flow Visualization and Modelling," Thesis, University of Minnesota, December 1993				
	12	Gröbe et al., "Ein neues Prinzip für die Herstellung von asymmetrischen Polymermembranen," Acta Polymerica 30:62-63 (1979)	X			
:	13	Gröbe et al., "Multilayer Membranes I. A New Type of Asymmetric Synthetic Membranes," Synthetic Polymeric Membranes, Ed. B. Sedlacek, J. Kahovec, Walter Gruyter & Co., Berlin, (1987)				
	14	Hiatt et al., "Microporous Membranes Via Upper Critical Temperature Phase Separation," Materials Science of Synthetic Membranes, ed., D.R. Lloyd, American Chemical Society, Washington, D.C. (1985), p. 229-244.				
	15	Taylor, "Two-Layer Slot Coating: Study of Die Geometry and Interfacial Region," Thesis, McMaster University, July 1997				
	16	Taylor et al., "Visualization and Flow Simulation of a Two-Layer Slot Coater," Chemical Engineering Science 54:909-918 (1999)				
,,,,,	17	Weigel et al., "Bikomponentenmembranen II. Herstellung von Bikomponentenmembranen unter Einsatz einer Bikomponentenbreitschlitzdüse," Acta Polymerica 40:734-740 (1989)	Х			
	18	Weigel et al., "Bikomponentenmembranen III. Diffusion und Strukturbildung bei der Koagulation von Polymerlösungen unetr Einsatz einer Bikomponentenbreitschlitzdüse," Acta Polymerica 41:124-131 (1990)	X			
	19	Weigel et al., "Bicomponent membranes. IV. Influence of Membrane Formation Principles on the Structure of the Active Layer of Membranes," Acta Polymerica 42:366-371 (1991)				

Examiner	Date	
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Signature	i Conside	red

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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